



**Beaufort County Public Works**  
**Stormwater Infrastructure**  
*Project Summary*

Project Summary: McPhersonville Road  
 Project # 2009-015                      Completed: Jan-09

Narrative Description of Project:  
 Upsized (1) single crossline pipe to twin crossline pipes. Upsized (1) crossline pipe. Installed rip rap and handseeded for erosion control.

**Material Cost, Rental Equipment Summary, and Labor**

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.00	56.0	\$504.00
48" HDPE Pipe	linear feet	\$43.04	40.0	\$1,721.60
Fill Dirt	ton	\$1.00	169.7	\$169.68
#57 Stone	ton	\$37.29	13.7	\$509.01
Rip Rap	ton	\$49.22	14.91	\$733.87
Filter Blanket	sq yd	\$0.63	27.8	\$17.50
Turf Staples	each	\$0.03	40.0	\$1.20
Silt Fence	sq yd	\$0.24	15.5	\$3.72
Annual Rye Grass Seed	50lb bag	\$29.35	1.00	\$0.00
4ft Flagger	each	\$0.34	2.0	\$0.68
Orange Glow Flagging Tape	roll	\$1.32	0.3	\$0.36
Gas	gallon	\$1.62	26.0	\$42.12
Diesel	gallon	\$1.88	321.0	\$603.48
Labor	hours		255.0	\$8,486.90
<b>Total Cost of Materials, Rental Equip., and Labor</b>				\$12,794.12

Note: Labor cost includes the employee's salary plus fringe benefits.

**Equipment Cost**

Item	Asset No.	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$49.56	7.0	\$346.92
Bobcat T300	22847	\$20.10	12.0	\$241.20
JCB Backhoe	22810	\$36.50	6.0	\$219.00
Lowboy	23118	\$34.64	2.0	\$69.28
Dump Trucks		\$31.00	66.0	\$2,046.00
Pickup Trucks		\$5.43	81.0	\$439.83
<b>Total Equipment Cost</b>				\$3,362.23

Cost/hour excludes fuel cost.  
 Total Cost:                      \$16,156.35

**Site Photographs**

Before



During



After



Project:  
McPhersonville  
Road

Activity: Ditch  
Maintenance

Project #: 2009-015

Township: Sheldon

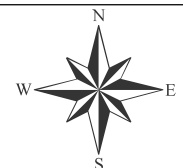
Completed:  
January 2009



### Legend

#### Drainage Type

- River
- Stream
- Outfall
- Lateral
- Roadside
- Crossline
- D/W
- Access
- Piped
- Bleeder
- Parcels



0 65 130 260 390 520  
Feet

1 inch equals 192.17 feet

Prepared By: BC Stormwater Management Utility  
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